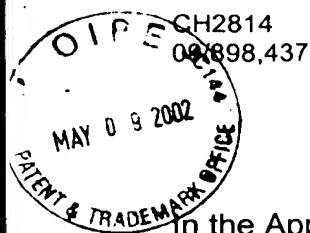


1724



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Robert H. Moffett

CASE NO.: CH2814 US NA

SERIAL NO.: 09/898,437

GROUP ART UNIT: 1724

FILED: 07/03/2001

EXAMINER: Peter Hruskoci

FOR: Phosphorus Reduction in Aqueous Streams

COPY OF PAPERS
ORIGINALLY FILED

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

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Sir:

Responsive to the April 2, 2002 Office Action, applicant submits the following amendments and remarks and the accompanying Rule 132 declaration. A marked-up version of the amended claims is shown in APPENDIX.

IN THE CLAIMS

26. (amended) The process of claim 25 wherein said process consists essentially of adjusting the pH of an aqueous stream, which comprises phosphorus, to at least 7 by adding a calcium-containing compound; adding one or more metal ions selected from the group consisting of zinc ions, manganese ions, and mixtures thereof to the stream; and adding an anionic inorganic colloid to the stream; and adding a flocculant to produce a flocculated mass.

27. (amended) The process of claim 25 wherein said process consists essentially of adjusting the pH of an aqueous stream, which comprises phosphorus, to at least 7 by adding a calcium-containing compound; adding one or more metal ions selected from the group consisting of zinc ions, manganese ions, and mixtures thereof to the stream; adding at least one cationic organic polymer to the stream; and adding at least one anionic organic polymer to the stream to produce a flocculated mass.

28. (amended) The process of claim 25 wherein said process consists essentially of adjusting the pH of an aqueous stream, which comprises phosphorus, to at least 7 by adding a calcium-containing compound; adding one or more metal ions selected from the group consisting of zinc ions, manganese ions, and mixtures